

ABSTRACT

The present invention relates to a method of drying a coating film, and its object is to produce a coating film with small variations in thickness with stability. Thus, in the method of drying a coating film 11 formed by application of a coating solution to a long-length substrate 10 which is traveling, the coating film 11 is dried immediately after the application of a coating solution to the long-length substrate 10, with an evaporation rate of a solvent kept at $0.1 \text{ g/m}^2 \text{ s}$ or less. Preferably, on a travel path of the coating film 11 immediately after coating, a plate 20 should be provided with a predetermined air gap between itself and the coating film 11 thereby to control the evaporation rate of the coating solution.